

EAR MICROPHONE FOR SIMULTANEOUS TRANSMISSION AND RECEPTION

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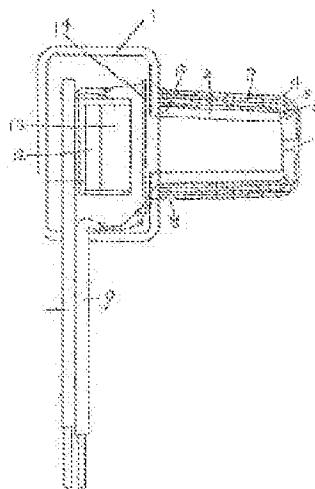
- **European:**

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Abstract of JP 4053396 (A)

PURPOSE: To attain two-way talking with a person placed at a remote location without interruption of a job of the person by forming a contact face with an external ear conduction wall by a nonmagnetic metallic electrode layer. **CONSTITUTION:** Two poles of nonmagnetic metallic electrode layers 4, 6 with insulation layers 3, 5 in between are used for a contact face with an external ear conduction wall, and a signal detected by bone conduction vibration is connected to a vibration electric conversion element interconnected with a communication device through a lead wire. The ear microphone 1 is inserted to one ear and bone conduction is utilized to attain 2-way communication and both hands are used for other purpose. Thus, the two-way communication with a person placed at a remote location is attained without interruption of the job of the person even at a site of a construction work or a factory under a high level noise. Thus, the most convenient simultaneous transmission reception ear microphone is realized.



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